



PTO/SB/08a/b (08-03)
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/069,176
				Filing Date	June 13, 2002
				First Named Inventor	Tomoyuki Asano
				Art Unit	2132
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	SONYAK 3.3-180

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
J.C.F.	AA	US-4,771,459	09-13-1988	Jansen	
J.C.F.	AB	US-5,150,409	09-22-1992	Elsner	
J.C.F.	AC	US-6,222,923-B1	04-24-2001	Schwenk	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
J.C.F.	BA	DE-196 49 292-A1	06-04-1998	Deutsche Telecom AG		1A
	BB	DE-195 11 298-A1	10-02-1996	Deutsche Telecom AG		**

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
J.C.F.	CA	LEIN HARN et al., "A Cryptographic Key Generation Scheme for Multilevel Data Security", Computers & Security, Vol. 9, No. 6, Elsevier Science Publishers Ltd, Oxford, Great Britain, October 1, 1990, pages 539-546.		✓

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

1A U.S. Patent No. 6,222,923 is an English counterpart.

** with English abstract only.

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Examiner Signature		Date Considered	03/01/2006
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				Application Number	10/069,176
				Filing Date	June 13, 2002
				First Named Inventor	Tomoyuki Asano
				Art Unit	2132
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	SONYAK 3.3-180

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af	AA	6,049,878	4-11-2000	Sun Microsystems, Inc.	

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¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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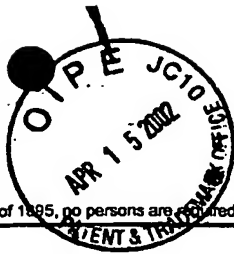
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		Application Number	10/069,176		
		Filing Date	February 20, 2002		
		First Named Inventor	Tomoyuki Asano		
		Art Unit	N/A		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	1	Attorney Docket Number	SONYAK 3.3-180

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		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)				
J.C.K.	A	JP-11-224461	08/17/99	Sony Corp		**

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	03/01/2006 ¹
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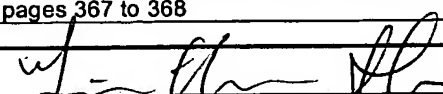
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				First Named Inventor	Tomoyuki Asano
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
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J.C.F.	A	EP-969667-A2	01-05-2000	Matsushita Electric Industrial Co., Inc.		✓
J.C.F.	B	JP-9-115241-A1	05-02-1997	Sony Corporation		**
J.C.F.	C	JP-11-328850-A1	11-30-1999	Sony Corporation		**
J.C.F.	D	JP-11-187013-A1	07-09-1999	IBM Japan, Ltd.		**

Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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J.C.F.	E	WALDVOGEL, M. et al., "The VersaKey Framework: Versatile Group Key Management", IEEE Journal on Selected Areas in Communications, September, 1999, Vol. 17, No. 9, pages 1614 to 1631.	✓	
J.C.F.	F	supervised by Shin ICHIMATSU, "Data Hogo to Angou-ka no Kenkyu; Computer Network no Anzensei", Nippon Keizai Shinbunsha, 29 July, 1983 (29.07.83), pages 201 to 206.		
J.C.F.	G	WONG, C. K. et al., "Secure Group Communications Using Key Graphs", In: Proceedings of ACM SIGCOMM'98, (1998), pages 68 to 79.	✓	
J.C.F.	H	Makoto TATEBAYASHI et al., "Kiroku Media no Contents Hogo System", 2000 nen Denshi Joho Tsuushin Gakkai Kiso Kyokai Society Kouen Ronbunshuu, 07 September, 2000 (07.09.00), pages 367 to 368		
Examiner Signature			Date Considered 03/01/2006 ¹	

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